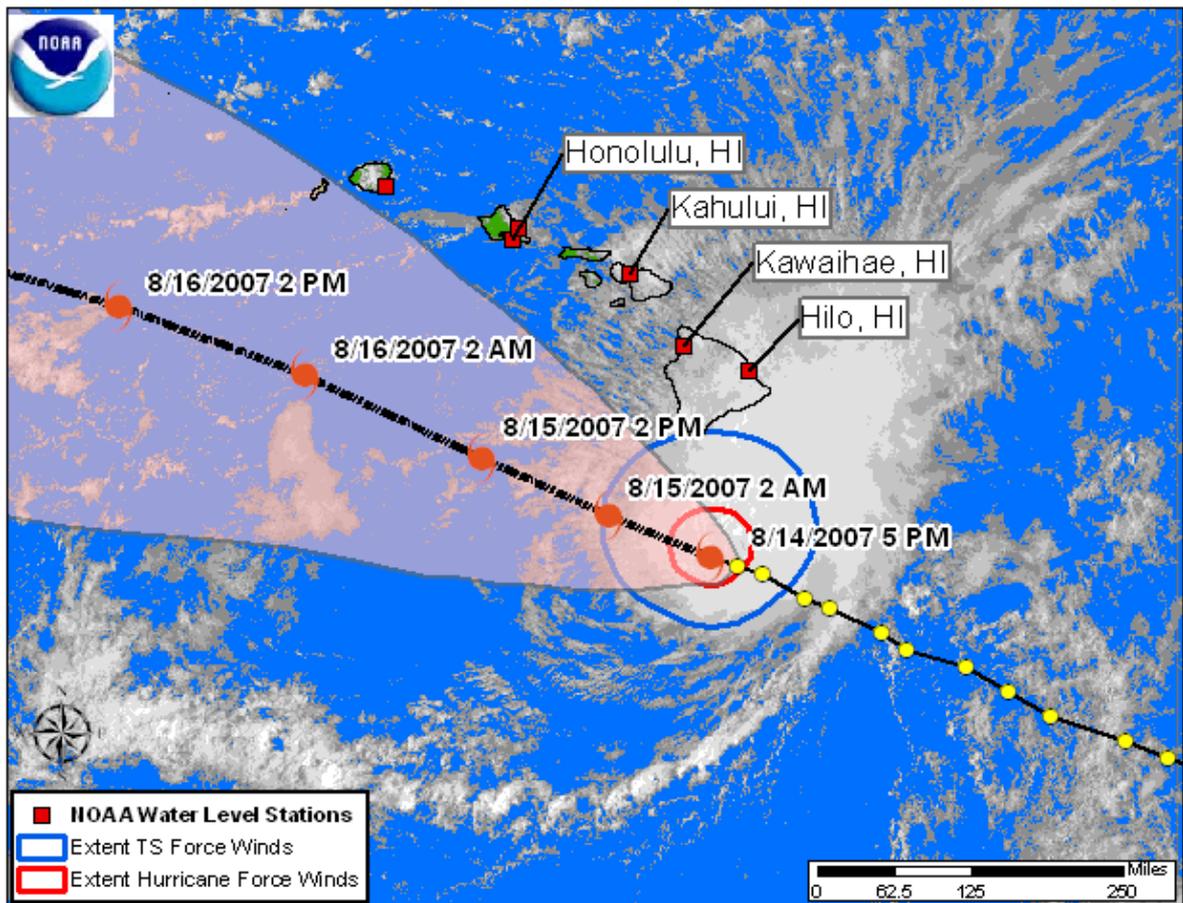




Hurricane FLOSSIE QUICKLOOK
Posted: 18:00 HST 08/14/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Observations as of 8/14/2007 1800 HST:

NOS water level at Hilo is around 0.15 ft (0.05 m) above predicted.
Next high tide at 08/15/2007 Tue 04:24 AM HST.

NOS water level at Kawaihae is around 0.37 ft (0.11 m) above predicted.
Next high tide at 08/15/2007 Tue 05:25 AM HST.

NOS water level at Honolulu is around 0.27 ft (0.08 m) above predicted.
Next high tide at 08/15/2007 Tue 05:37 AM HST.

NOS water level at Kahului is around 0.29 ft (0.09 m) above predicted.
Next high tide at 08/15/2007 Tue 03:31 AM HST.

SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:

...A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE BIG ISLAND OF HAWAII...

...A HURRICANE WATCH REMAINS IN EFFECT FOR THE BIG ISLAND OF HAWAII...

THE BIG ISLAND WILL SEE THE ONSET OF TROPICAL STORM FORCE WINDS... 39 MPH AND HIGHER...THIS EVENING. EAST TO SOUTHEAST WINDS OF 40 TO 50 MPH WITH HIGHER GUSTS ARE LIKELY AS HURRICANE FLOSSIE PASSES SOUTH OF THE BIG ISLAND THIS EVENING AND OVERNIGHT. ANY SHIFT IN THE FORECAST TRACK TOWARDS THE NORTH...CLOSER TO THE BIG ISLAND... WILL RESULT IN HIGHER WINDS.

SURF ALONG SOUTH FACING SHORES OF THE BIG ISLAND WILL REMAIN 20 TO 25 FT TONIGHT. SURF ALONG EAST FACING SHORES OF THE BIG ISLAND WILL REMAIN 10 TO 12 FEET TONIGHT.

HEAVY SHOWERS AND THUNDERSTORMS WITHIN OUTER RAINBANDS MAY PRODUCE 10 INCHES OR MORE OF RAINFALL IN KAU DISTRICT ON THE BIG ISLAND TONIGHT THROUGH WEDNESDAY. SMALLER AMOUNTS...5 TO 10 INCHES...MAY FALL ON THE EAST SLOPES OF THE BIG ISLAND TONIGHT THROUGH WEDNESDAY.

AT 500 PM HST...0300Z...THE CENTER OF HURRICANE FLOSSIE WAS LOCATED NEAR LATITUDE 17.5 NORTH...LONGITUDE 155.5 WEST OR ABOUT 155 MILES SOUTH OF HILO...HAWAII AND ABOUT 305 MILES SOUTH-SOUTHEAST OF HONOLULU...OAHU.

FLOSSIE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 8 MPH AND THIS MOTION IS EXPECTED TO CONTINUE THROUGH TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 100 MPH WITH HIGHER GUSTS. FLOSSIE IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME WEAKENING IS FORECAST DURING THE NEXT 24 HOURS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 40 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES.

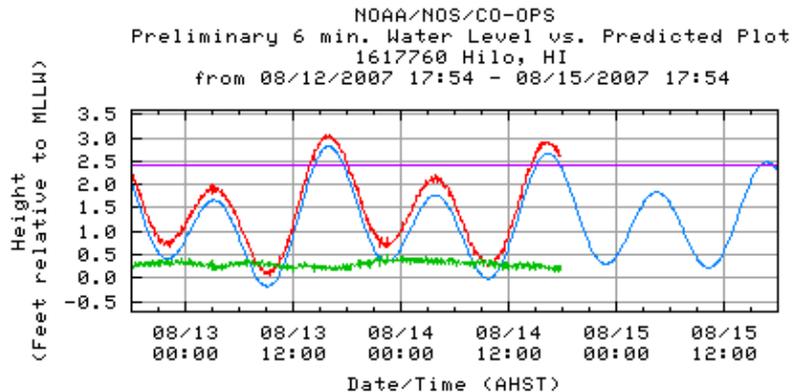
ESTIMATED MINIMUM CENTRAL PRESSURE IS 978 MB...28.88 INCHES.

Water level and meteorological plots are updated automatically. For more information, please see www.tidesandcurrents.noaa.gov.

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Hilo - Water Level](#), [Kawaihae - Winds](#), [Honolulu - Water Level](#), [Kahului - Water Level](#), [Kawaihae - Water Level](#),
[Kawaihae - Barometric](#), [Honolulu - Barometric](#)

Hilo, HI - Station Map [Return to List](#)



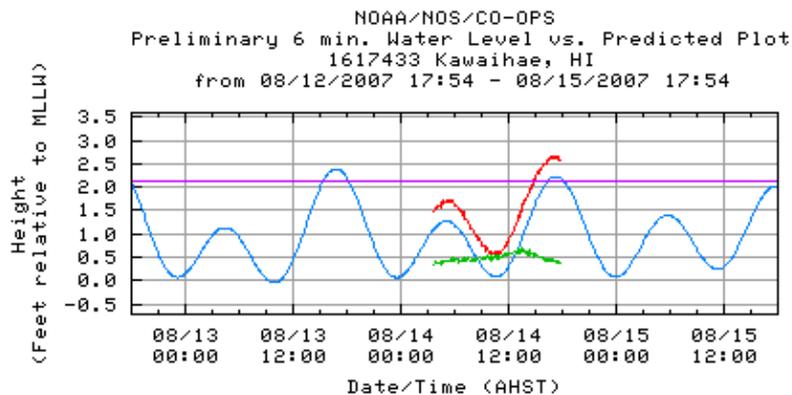
Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 08/14/2007 17:42 (AHST)

Relative to **MLLW**: **Observed: 2.63 ft. Predicted: 2.39 ft. Residual: 0.24 ft.**

Historical Maximum Water Level: 01/20/1981, 1.37 ft. above **MHHW**

Kawaihae, HI - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

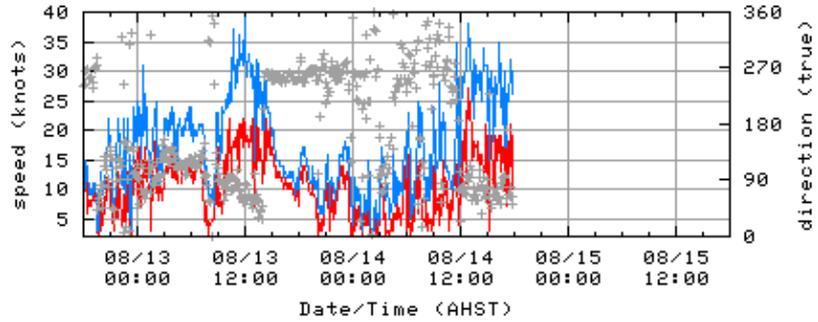
Last Observed Sample: 08/14/2007 17:42 (AHST)

Relative to **MLLW**: **Observed: 2.58 ft. Predicted: 2.19 ft. Residual: 0.39 ft.**

Historical Maximum Water Level: 07/21/2001, 1.08 ft. above **MHHW**

Kawaihae, HI - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
1617433 Kawaihae, HI
from 08/12/2007 17:54 - 08/15/2007 17:54



speed — gusts — direction +

Last Observed Sample: 08/14/2007 17:42 (AHST)

Wind Speed: 19 knots Gusts: 30 knots Direction: 052° T

Kawaihae, HI - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
1617433 Kawaihae, HI
from 08/12/2007 17:54 - 08/15/2007 17:54

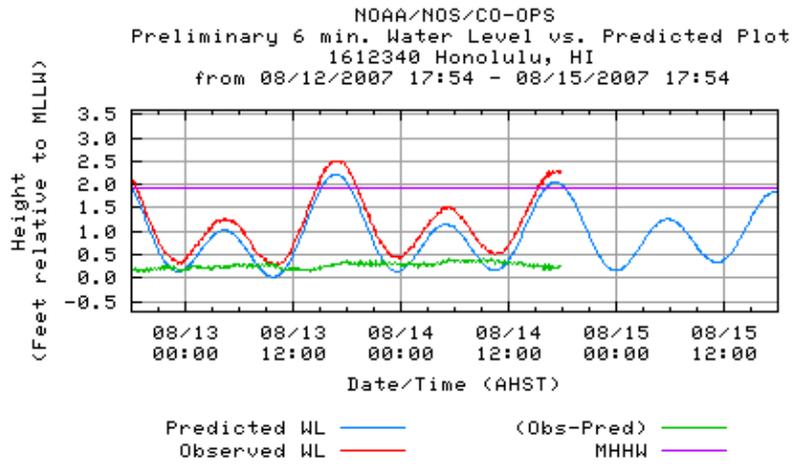


barometric pressure —

Last Observed Sample: 08/14/2007 17:42 (AHST)

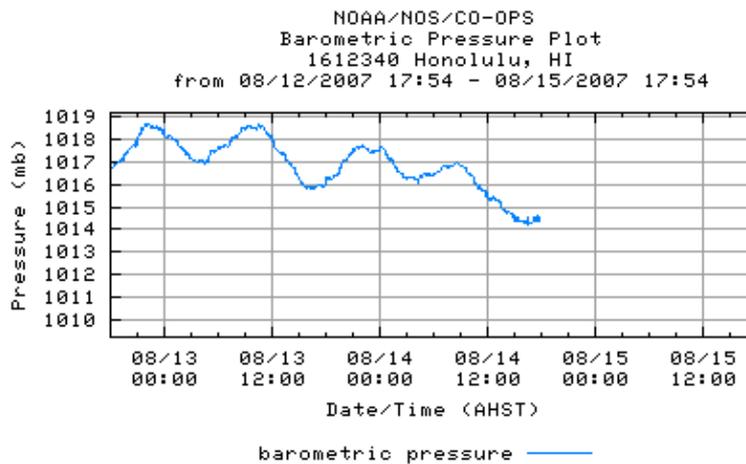
Barometric Pressure: 1010.7 mb

Honolulu, HI - Station Map [Return to List](#)



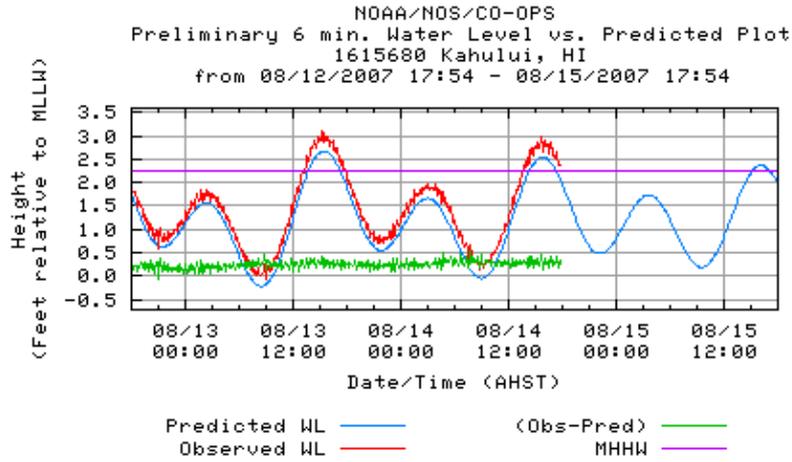
Last Observed Sample: 08/14/2007 17:42 (AHST)
 Relative to **MLLW**: **Observed: 2.25 ft. Predicted: 2.01 ft. Residual: 0.24 ft.**
 Historical Maximum Water Level: 02/14/1967, 1.49 ft. above **MHHW**

Honolulu, HI - Station Map [Return to List](#)



Last Observed Sample: 08/14/2007 17:42 (AHST)
Barometric Pressure: 1014.5 mb

Kahului, HI - Station Map [Return to List](#)



Last Observed Sample: 08/14/2007 17:42 (AHST)

Relative to **MLLW**: **Observed: 2.37 ft.** **Predicted: 2.05 ft.** **Residual: 0.32 ft.**

Historical Maximum Water Level: 12/20/1968, 1.23 ft. above MHHW

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce